
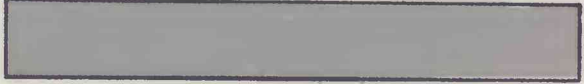



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY


STIGLER EAST QUADRANGLE
OKLAHOMA
7.5 MINUTE SERIES (TOPOGRAPHIC)


EXPLANATION

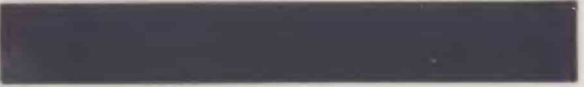
 NON-FEDERAL COAL LAND--Land for which the Federal Government does not own the coal rights, and for which the coal-development potential is not rated.

 AREA OF HIGH COAL-DEVELOPMENT POTENTIAL--Area has mining-ratio values ranging from 0 to 10 and contains coal in beds 1 foot (0.3048m) or more thick which lie above the 150-foot (45.72m) overburden isopach.

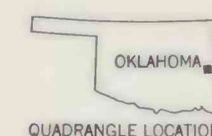
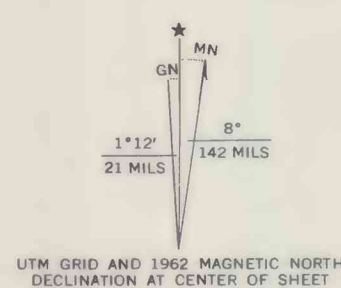
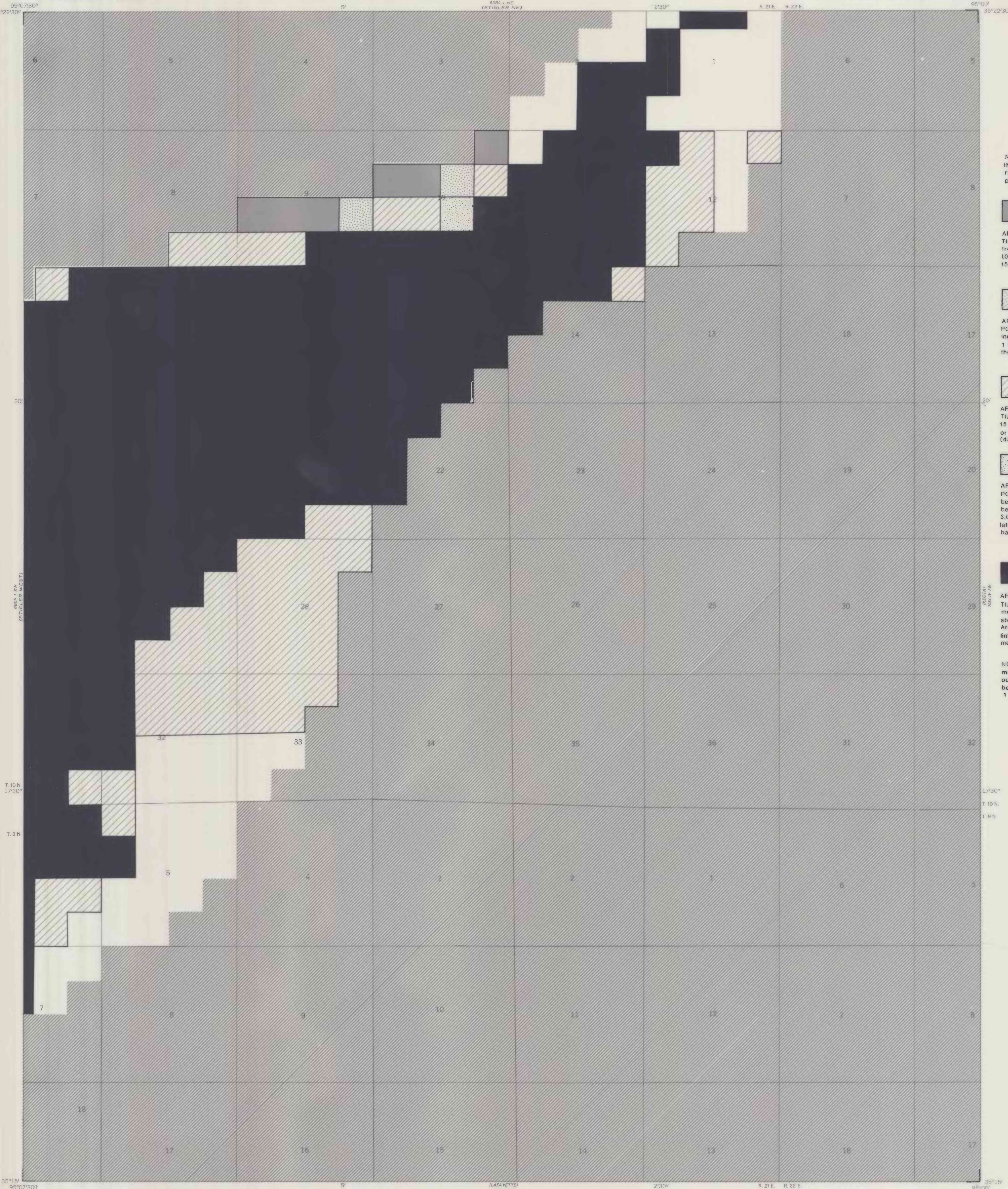
 AREA OF MODERATE COAL-DEVELOPMENT POTENTIAL--Area has mining-ratio values ranging from 10 to 15 and contains coal in beds 1 foot (0.3048m) or more thick which lie above the 150-foot (45.72m) overburden isopach.

 AREA OF LOW COAL-DEVELOPMENT POTENTIAL--Area has mining-ratio values greater than 15 and contains coal in beds 1 foot (0.3048m) or more thick which lie above the 150-foot (45.72m) overburden isopach.

 AREA OF UNKNOWN COAL-DEVELOPMENT POTENTIAL--Area contains no known coal in beds 1 foot (0.3048m) or more thick, but coal-bearing units are present at depths of less than 3,000 feet (914.4m). Areas influenced by isolated data points are similarly considered to have unknown coal-development potential.

 AREA OF NO COAL-DEVELOPMENT POTENTIAL--No coal in beds 1 foot (0.3048m) or more thick is known to occur in area at depths above the 150-foot (45.72m) overburden isopach. Areas which have been mined to the stripping limit are considered to have no coal-development potential.

NOTE: Any lot or tract assigned coal-development potential meets the appropriate parameters outlined above and implicitly contains coal in beds with a nominal minimum areal extent of 1 acre.



This map is intended for land-use planning purposes only.

COMPILED IN 1980

FEDERAL COAL DEVELOPMENT POTENTIAL MAP OF THE STIGLER EAST 7.5 MINUTE QUADRANGLE, HASKELL AND MUSKOGEE COUNTIES, OKLAHOMA

BY GEOLOGICAL SERVICES OF TULSA, INC., AND B. T. BRADY, USGS

PLATE 8

COAL DEVELOPMENT POTENTIAL
MAP FOR SURFACE MINING METHODS